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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,997	07/30/2003	Bruce L. Johnson	200208762-1	7724

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FORT COLLINS, CO 80527-2400

EXAMINER

DADA, BEEMNET W

ART UNIT	PAPER NUMBER
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2135

MAIL DATE	DELIVERY MODE
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06/01/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/630,997

Applicant(s)

JOHNSON ET AL.

Examiner

Beemnet W. Dada

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 8-10, 15-18 and 20-23 is/are rejected.
- 7) ☒ Claim(s) 5-7, 12-14, 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This office action is in reply to an amendment filed on February 26, 2007. Claims 1-23 are pending.

Response to Arguments

2. Applicant's arguments with respect to claims 1, 8, 15 and 20 have been fully considered but they are not persuasive.

3. With respect to claims 1, 8, 15 and 20, applicant argues that the encryption and decryption keys in claim 1 could differ, since the first and second network identifiers might change if the computer system has been relocated. Applicant further argues that, the art on record (Kao, US 2002/0122553 A1) teaches encryption keys that are generated by network administrators or generated based upon other encryption keys and none of the encryption keys involve the use of a network identifier that identifies a network, such is also the case with respect to claims 5, 6 and 7 that further defines nature of the network identifiers.

4. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., first and second network identifiers might change if the computer system has been relocated) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). Examiner would point out that the network identifier cited in the claims is not defined in the specification and it is understood by the examiner in view of the specification that the network identifier could be a default value generated by a network card [see specification page 4, line 1-5]. Thus, the minor key as taught by Kao is equivalent to the network identifier used for encryption in claim 1, since both are mere data/keys used for encryption of authentication data. However, the network identifier as further

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defined in claims 5-7 is not taught by Kao and therefore, the rejections of claims 5, 6 and 7 has been withdrawn. The art on record teaches the claim limitations of all independent claims therefore, the rejection of these claims as been respectfully maintained.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1, 3, 4, 8, 10, 11, 15, 18, 20, 22 and 23 are rejected under 35 U.S.C. 102(e) as being anticipated by Kao et al. US 2002/0122553 A1 (hereinafter Kao).

7. As per claims 1, 8, 15 and 20, Kao teaches a method/system for providing access to an application, comprising the steps of:

encrypting at least one authentication sequence in a computer system using a first network identifier as an encryption key (i.e., encrypting a password using user's minor key) [paragraphs 0047 and 0049];

storing the encrypted at least one authentication sequence in a memory accessible to the computer system (i.e., storing the encrypted password) [paragraphs 0047 and 0049];

decrypting the encrypted at least one authentication sequence using a second network identifier as a decryption key, the second network identifier being procured after storing the

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encrypted at least one authentication sequence (i.e., decrypting the encrypted password using a regenerated minor key) [paragraphs 0050-0051]; and

performing an expedited login task to access the application with the at least one authentication sequence if the decryption of the at least one authentication sequence is successful (i.e., providing the password to access a resource) [paragraph 0051].

8. As per claims 3, 4, 10, 11, 17, 18, 22 and 23 Kao further teaches the method/system wherein the step of performing the expedited login task to access the application with the at least one authentication sequence further comprises the steps of: executing an automated login to access the application using the at least one authentication sequence and executing the application if the automated login is successful [paragraph 0051].

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 2, 9, 16 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kao et al. US 2002/0122553 A1 in view of Takayama et al. US 5,166,979 (hereinafter Takayama).

11. As per claims 2, 9, 16 and 21, Kao teaches the method/system as described above. Kao further teaches storing the encrypted at least one authentication sequence in a memory

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accessible to the computer system (i.e., storing the encrypted password) [paragraphs 0047 and 0049]. Kao is silent on deleting the encrypted at least one authentication sequence from the memory upon a failure to successfully decrypt the encrypted at least one authentication sequence using the second network identifier as a decryption key. However, in the same field of endeavor, Takayama teaches deleting the encrypted at least one authentication sequence from the memory upon a failure to successfully decrypt the encrypted at least one authentication sequence using the second network identifier as a decryption key [see for example, abstract]. It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention to employ the teachings of Takayama within the system of Kao in order to further enhance the security of the system.

Allowable Subject Matter

12. Claims 5-7, 12-14 and 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

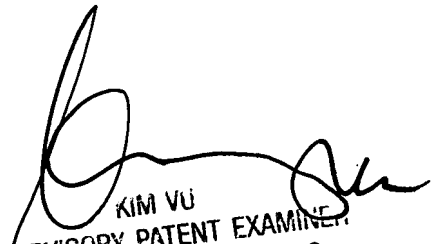
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Beemnet W Dada

May 25, 2007



KIM VU
SUPERVISORY PATENT EXAMINER
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